

ORIGINAL

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ASSOCIATION FOR **MAXIMUM SERVICE TELEVISION, INC.**



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September 4, 2002

RECEIVED

David L. Donovan
President

Ms. Marlene H. Dortch
Secretary
Federal Communications Commission
445 12th Street, S.W.
TW-B204
Washington, D.C. 20554

SEP - 4 2002

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

Ex parte Notification
CS Docket No. 98 -120
In re Carriage of Digital Television Broadcast Signals

Dear Ms. Dortch:

On Tuesday, September 3, 2002, Victor Tawil, Sr. VP Engineering and I met with the following members of the Media Bureau: Ken Ferree (Media Bureau Chief), William Johnson, Deborah Klein, Ben Golant, John Wong, Eloise Gore, Rick Chesson, Michael Lance, and Ben Bartolome and Marybeth Murphy. We discussed issues related to MSTV's comments in the above reference proceeding, including issues relating to PSIP, primary video and material degradation. The attached documents were distributed during the meeting.

Sincerely,

A handwritten signature in dark ink, appearing to read "David L. Donovan", is written over a horizontal line.

David L. Donovan
President

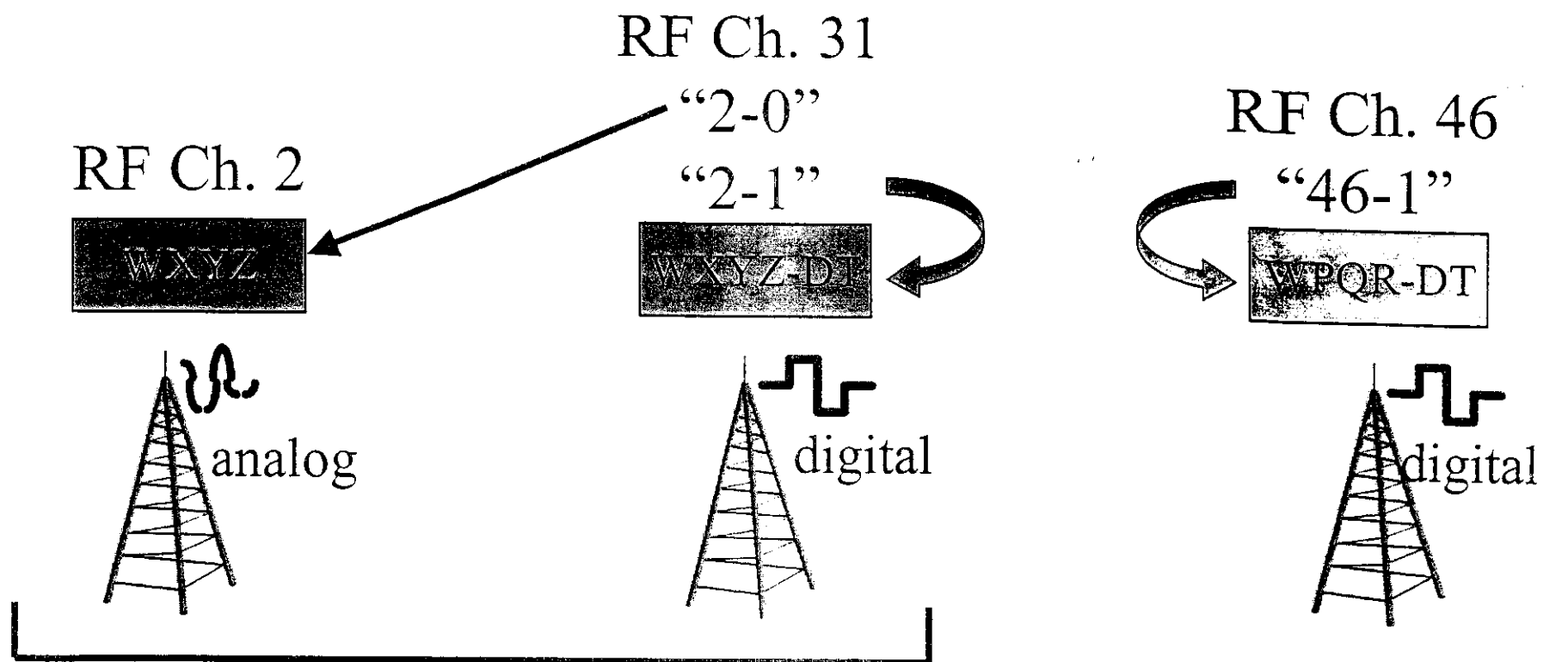
Enclosures

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List ABCDE

Program and System Info Protocol

- PSIP features:
 - allows navigation and access to each of the channels within the Transport Stream
 - preserves channel branding
 - program guide (from 12 hours to 16 days)
 - gives the user information for browsing and selection
 - key system info (e.g., carrier freqs and source ID's)
 - rating and content advisory info
- ATSC Receiver can scan active channels for PSIP and can build an integrated guide.

Major-Minor Channel Number Example



An existing analog broadcaster with a second digital channel. Branding is preserved. The DTV RF channel number is hidden from the viewer!

A digital-only broadcaster (no analog channel)

Program Guide Formation

April 8, 2000							6:44 pm
Chan	Name	6:00 pm	6:30 pm	7:00 pm	7:30 pm	8:00 pm	8:30 pm
12-0	NBZ	Local News		"Dino World"			
12-1	NBZ News & Movies	[Fairfax] Local News		(1997) Harrison Pontiac, Peg O'Ryan Dinosaurs eat Newark, NJ in this Francis Ford Spielberg oscar-winning film. PG-13 CC (Eng, Fr)			
12-2	NBZ-S	Soccer - World Cup Subscription Only			Golf	Table Tennis	

VCT

ETT-V

EIT-0

Conditional Access

ETT-0



SET

PSIP Tables

<u>Table</u>	<u>Description</u>
STT	<u>System Time Table</u> - provides date and time
MGT	<u>Master Guide Table</u> - provides version, size and PID's of all other tables (except STT)
VCT	<u>Virtual Channel Table</u> - provides attributes for all virtual channels in this Transport Stream
RRT	<u>Rating Region Table</u> - provides rating information for multiple geographic regions
EIT	<u>Event Information Table</u> - provides information for events on the virtual channels
ETT	<u>Extended Text Table</u> - provides detailed descriptions of virtual channels and events

Channel TSID - What and Why?

- Channel TSID is a 16-bit number that stands for
 - Transport Stream ID (digital)
 - Transmission Signal ID (analog)
- The receiver may use the Channel TSID to verify that the Transport Stream acquired at the referenced carrier frequency is actually the desired multiplex.
- Can help resolve co-channel issues and instances where a DTV signal frequency is translated without modification of listed carrier frequency.